

## Sheldrake, Sean

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**From:** Sheldrake, Sean  
**Sent:** Friday, January 29, 2016 11:48 AM  
**To:** 'BAYUK Dana'  
**Cc:** Lance Peterson (petersonle@cdmsmith.com); Scott Coffey <coffeyse@cdmsmith.com>  
**Subject:** RE: NW Natural, DTS Report Comments  
**Attachments:** DTS\_Survey\_Report\_Comments-DSB.DOCX

(b) (6) Will do. I agree with the concerns you've raised which track with many of those the 5 tribes also pointed out. S

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-----Original Message-----

From: BAYUK Dana [mailto:BAYUK.Dana@deq.state.or.us]  
Sent: Thursday, January 28, 2016 5:48 PM  
To: Sheldrake, Sean <sheldrake.sean@epa.gov>  
Cc: Lance Peterson (petersonle@cdmsmith.com) <petersonle@cdmsmith.com>; Scott Coffey <coffeyse@cdmsmith.com> <CoffeySE@cdmsmith.com>  
Subject: NW Natural, DTS Report Comments

Hello Sean.

I reviewed the "Distributed Temperature Sensing for the Detection of Groundwater Seepage, NW Natural Gasco Sediments Cleanup Action" report dated January 6, 2016 (DTS Report). My comments are attached.

In general, without the additional information and data analysis described in my comments, I disagree with NW Natural's conclusions that groundwater seepage was "dramatically slowed or reversed" by the HC&C system. In addition, I understood the purpose of the work was primarily a technology demonstration as the DTS methods was being considered for evaluation of the remedial alternatives for the sediment remedy area. I may have missed it, but I'm not sure much was said on this subject.

I wanted to let you know that given your review timeframe, people's workloads, and that (b) (6), my comments haven't been closely reviewed. Consequently, I'd ask that your team review them closely and use them and/or edit them as needed. Apologies, but I thought it better to get them to you than potentially hold things up.

Hope things go well over the next two weeks and I'll check-in when I return on 2/17.

Dana

Mr. Dana Bayuk

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